

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/02702

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F26B21/14 F26B21/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 703 599 A (HUGH SPARKES) 3 February 1954 (1954-02-03) the whole document	1, 13
A	US 2 236 398 A (DRUMMOND FOLSOM E) 25 March 1941 (1941-03-25) the whole document	1, 13
A	US 4 466 202 A (MERTEN ULRICH) 21 August 1984 (1984-08-21) the whole document	1, 13
A	US 5 108 968 A (BARNES JAMES W ET AL) 28 April 1992 (1992-04-28)	
A	US 6 158 147 A (MUELLER WAYNE ET AL) 12 December 2000 (2000-12-12)	

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search	Date of mailing of the international search report
6 October 2003	13/10/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Silvis, H

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US 5108968	A	28-04-1992	AU 7687991 A WO 9115295 A1	30-10-1991 17-10-1991
US 6158147	A	12-12-2000	US 6167638 B1 CA 2308714 A1	02-01-2001 17-11-2000